

P r e f a c e

In this volume, the seventh for *Serket*, at the end of the twentieth century and the end of the second millennium, important additions are expected, i.e. the publication of revisionary works, redescriptions of taxa, and descriptions of new species. Works of different authors are also expected, including Egyptian ones. Also, the parts of "Arachnida of Egypt" will be continued.

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I hope that the scope of distribution and exchange will be widened during this year and in the near future. I hope too, to receive more contributions from different authors to be published in *Serket*.

Mr. Awad W. Khalil is still photocopying the issues of *Serket* in Xerox company. His efforts are greatly appreciated.

The evaluation and critique of the readers are still needed and always appreciated.

The editor

SERKET

Volume 7

Part 1

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Cairo, Egypt

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***Pandinus (Pandinops) pococki* sp. n. from Somalia,
and *Pandinus pugilator*, a junior synonym of
Pandinus (Pandinops) bellicosus comb. n.
(Scorpiones, Scorpionidae)**

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Abstract. *Pandinus (Pandinops) pococki* sp. n. is described and a key to the species of the subgenus *Pandinops* Birula, 1913 is provided. Based on the presence of seven internal granules on the chela, *Pandinus bellicosus* (L. Koch, 1875) is transferred from subgenus *Pandinurus* to the subgenus *Pandinops*. *Pandinus (Pandinops) pugilator* is hereby synonymized with *Pandinus (Pandinops) bellicosus*.

Key Words: Taxonomy, description, new species, new synonymy, key to species, Scorpiones, Scorpionidae, *Pandinus*, *Pandinops*, *Pandinurus*, Somalia, Eritrea

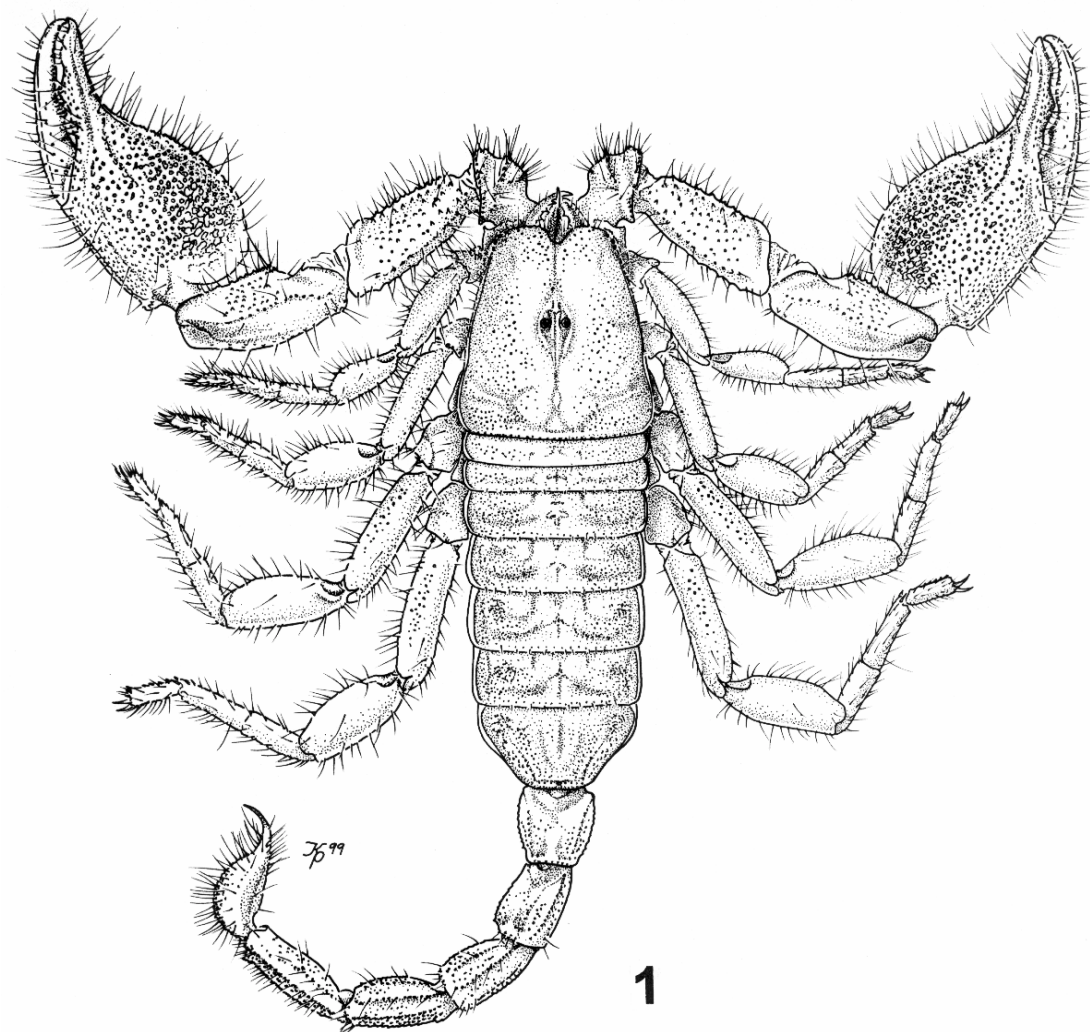
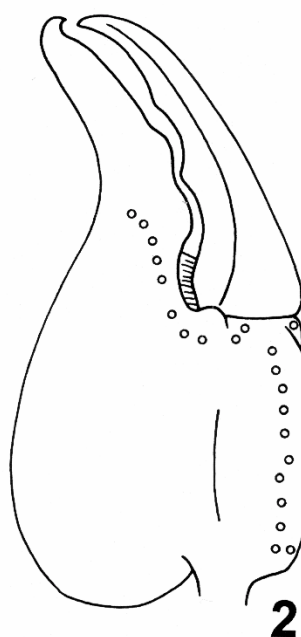


Fig. 1. *Pandinus (Pandinops) pococki* sp. n., holotype, dorsal aspect.

Fig. 2. *Pandinus (Pandinops) pococki* sp. n., holotype, chela of pedipalp, ventral and internal views.



***Pandinus (Pandinops) pococki* sp. n.**
(Figs. 1 and 2, Table 1)

TYPE LOCALITY. Somalia: Geriban env., 09°20'N 48°09'E.

TYPE MATERIAL. Somalia: Geriban env., 09°20'N 48°09'E, VI.1980, 1 male (holotype), author's collection. No other material.

ETYMOLOGY. Named after Reginald Innes Pocock, who described the majority of other species of the subgenus *Pandinops*.

DESCRIPTION. Total length of the male holotype is 93 mm. Measurements of the carapace, telson, segments of the metasoma and segments of the pedipalps, and numbers of pectinal teeth are given in Table 1. Habitus is shown in Fig. 1. For the position and distribution of trichobothria on the chela of pedipalp see Fig. 2. There are eight internal granules on the chela, which characterize the subgenus *Pandinops* (see Birula, 1913: 419; Birula, 1928: 88; Vachon, 1974: 953).

The base colour is uniformly brown. The telson is yellowish brown.

The pectens are very long, and stigmata are long and very narrow (fissure-like).

The carapace lacks keels but bears large granules.

The manus of pedipalp has a lobe (Fig. 1) and is dorsally covered by tubercles which locally form keels but do not attain the shape of pointed granules; such granules are sparsely distributed only on the ventral surface of the manus. The patella of pedipalp bears three keels and the femur bears four keels, all composed of unequally sized granules. The dorsal and internal surfaces of the femur are covered by large granules.

The mesosoma bears granules and a median keel. The seventh mesosomal segment ventrally bears numerous granules, as do all other metasomal segments. The first through fourth metasomal segments have six keels and the fifth segment has seven keels, of which one is ventral.

AFFINITIES. The described features distinguish *Pandinus (Pandinops) pococki* sp. n. from all other species of the subgenus. They are recounted in the key below.

Key to *Pandinus (Pandinops)* species

1. First and second metasomal segments ventrally smooth, without granules (smooth, effaced keels may be present)
..... *P. bellicosus* (L. Koch, 1875) **comb. n.**
- . First and second metasomal segments ventrally bear closely spaced granules 2

2. Ventral and dorsal surfaces of manus smooth, without granules, or ventral surface rarely bears sparse granules *P. hawkeri* Pocock, 1900
 -. Ventral surface of manus with granules, dorsal surface with granules or conspicuous tubercles 3
3. Dorsal surface of manus densely covered by pointed granules
 *P. colei* (Pocock, 1896)
 -. Dorsal surface of manus tuberculate, without pointed granules 4
4. Dorsal keel of patella, carapace, and mesosomal segments smooth, without granules *P. peeli* Pocock, 1900
 -. Dorsal keel of patella composed of well defined granules; carapace and mesosomal segments bear numerous larger granules *P. pococki* **sp. n.**

Pandinus (Pandinops) bellicosus* (L. Koch, 1875), **comb. n.*

Heterometrus bellicosus L. Koch, 1875: 1; Moritz & Fischer, 1980: 310.
Scorpio bellicosus: Pocock, 1888: 255; Kraepelin, 1898: 5.
Scorpio africanus bellicosus: Kraepelin, 1894: 69.
Pandinus bellicosus: Karsch, 1887: 68; Kraepelin, 1899: 121.
Pandinus (Heterometrus) bellicosus: Karsch, 1879: 128.
Pandinus (Pandinus) bellicosus: Birula, 1928: 88.
Pandinus (Pandinurus) bellicosus: Vachon, 1974: 953; Lamoral & Reynders, 1975: 565; El-Hennawy, 1992: 137; Kovařík, 1998: 140.
Pandinus pugilator Pocock, 1900: 52; Pocock, 1900: 61. **Syn. n.**
Pandinus (Pandinus) pugilator: Birula, 1928: 88.
Pandinus (Pandinops) pugilator: Vachon, 1974: 953; Lamoral & Reynders, 1975: 565; El-Hennawy, 1992: 136; Kovařík, 1998: 140.

TYPE LOCALITY. Cairo.

TYPE MATERIAL. ? : Habab, 1 male (holotype), leg. Jickeli, Museum für Naturkunde der Humboldt-Universität zu Berlin, Germany No. 2521. **Somalia**: Berbera, 16.IV.1897 or Hargaisa, 1 specimen (holotype of *Pandinus pugilator*), leg. Peel, British Museum (Natural History), London, England.

COMMENTS. *Pandinus bellicosus* is based on a male for which L. Koch (1875: 4) gives Cairo as the type locality. However, this provenance is most likely erroneous, as the species has never afterwards been found in Egypt. No original

label is attached to the holotype, instead it bears a label stating: holotype *Pandinus bellicosus* (L. Koch, 1875), Habab, Jickeli leg., Nr. 2521.

Table 1. Measurements in millimeters of holotypes of species of the subgenus *Pandinops*. Numbers of teeth in the pecten of *P. peeli* and *P. pugilator* are after Pocock (1900: 53). The holotypes are damaged and pectens are partially or wholly lacking. Due to damage, sex cannot be ascertained for *P. pugilator*.

		<i>P a n d i n u s</i>					
		<i>pococki</i> sp.n.	<i>colei</i>	<i>hawkeri</i>	<i>peeli</i>	<i>pugilator</i>	<i>bellicosus</i>
		male	female	female	male		male
Total	length	93.0	79.3	86.3	88.0	104.0	89.2
Carapace	length	16.9	12.3	15.0	14.1	17.2	15.9
	width	15.2	11.0	14.4	13.5	16.6	15.2
Metasoma	length	46.2	32.8	38.3	38.4	48.0	44.6
segment I	length	5.8	4.0	4.5	4.7	5.8	5.2
	width	5.2	4.3	5.1	5.4	5.5	5.4
segment II	length	6.2	4.3	5.0	5.1	6.5	5.9
	width	4.9	3.9	4.5	4.8	4.9	4.8
segment III	length	6.7	4.8	5.4	5.5	6.9	6.2
	width	4.5	3.7	4.4	4.5	4.4	4.3
segment IV	length	7.4	5.4	6.3	6.6	8.1	7.2
	width	4.1	3.3	3.9	4.2	3.8	4.0
segment V	length	8.7	6.5	7.5	7.5	10.1	9.4
	width	3.8	2.9	3.6	3.9	3.6	3.9
telson	length	10.0	7.0	8.6	8.6	9.5	9.7
Pedipalp							
femur	length	12.2	7.2	9.8	9.6	11.9	11.6
	width	5.0	3.7	4.6	5.0	5.2	5.4
patella	length	13.0	8.4	10.8	11.8	12.8	13.0
	width	5.5	4.0	5.1	5.7	6.5	5.8
tibia	length	25.0	15.5	21.4	22.3	27.0	24.7
	width	13.0	9.2	11.7	13.5	15.3	14.3
finger mov.	length	15.5	9.0	12.5	13.2	16.0	15.5
Pectinal teeth		17:16	11:11	12:13	15	17	20:19

Pandinus pugilator was based by Pocock on a damaged specimen (originally stuffed and kept dry, but currently is in alcohol), whose pectens are wholly lacking. Due to damage, sex cannot be ascertained. This holotype was examined by Prof. Vachon (VA No. 1136) and correctly placed by him in the subgenus *Pandinops* (Vachon, 1974: 953), which is characterized by the presence of 6 – 8 internal granules on the chela. However, *Pandinus bellicosus* was incorrectly placed by Vachon (1974: 953) in the subgenus *Pandinurus* (which is inter alia characterized by the presence of only two internal granules on the chela), without mentioning whether he had seen the holotype of this species.

Examination of the holotype of *Pandinus bellicosus* reveals that it has seven internal granules on the chela and therefore belongs to the subgenus *Pandinops*, and after seeing the holotype of *Pandinus pugilator* I am convinced that it is the same species.

Acknowledgements

I would like to thank Janet Margerison-Knight of the British Museum (Natural History), London, England, and Shahin Nawai of the Museum für Naturkunde der Humboldt-Universität zu Berlin, Germany for lending me the types, Jiří Zídek (Praha, Czech Republic) for translating the text, and Pavel Krásenský (Chomutov, Czech Republic) for drafting the figures.

References

- Birula, A.A.B. 1913
Arachnologische Beiträge. II.-IV. II. Ueber einige Scorpiops-Arten von dem Südrande des Himalaya. III. Ueber Pandinus (Pandinops) peeli Poc. und seine Verwandten. *Revue Russ. Entom.* 13(3-4): 416-423.
- Birula, A.A.B. 1928
Wissenschaftliche Ergebnisse der mit Unterstützung der Akademie der Wissenschaften in Wien aus der Erbschaft Treitl von F. Werner unternommenen Zoologischen Expedition nach dem Anglo-Ägyptischen Sudan (Kordofan) 1914. XXV. Skorpione. *Denschr. Akad. Wiss. Wien* 101: 79-88.
- El-Hennawy, H.K. 1992
A catalogue of the scorpions described from the Arab countries (1758-1990) (Arachnida: Scorpionida). *Serket* 2(4): 95-153.
- Karsch, F. 1879
Skorpionologische Beiträge I. and II. *Mit. Münch. Entomol. Ver.* 3: 6-22, 97-136.
- Karsch, F. 1887
Ueber einige neue und minder bekannte Arthropoden des Bremer Museums. *Abhandl. Nat.-Wiss. Ver. Bremen* 9: 65-71.
- Koch, L. 1875
Ägyptische und Abyssinische Arachniden gesammelt von Herrn C. Jickeli. *Verlag von Bauer & Raspe, Nürnberg*, 96 pp.

Kovářík, F. 1998

Štíři [*Scorpiones*]. Jihlava (Czech Republic): Publishing House "Madagaskar", 176 pp (in Czech).

Kraepelin, K. 1894

Revision der Skorpione. II. Scorpionidae und Bothriuridae. *Jahrb. Hamburg. Wiss. Anst.* 11(1893): 1-248.

Kraepelin, K. 1898

Die Skorpione Ostafrikas. *Thier. Ost-Afrik. Nachb., Berlin* 4: 1-5.

Kraepelin, K. 1899

Das Tierreich. 8. Lieferung. Scorpiones und Pedipalpi. Berlin: Verlag von R. Friedländer und Sohn, 265 pp.

Lamoral, B.H. & Reynders, S. 1975

A catalogue of the scorpions described from the Ethiopian Faunal Region up to December 1973. *Ann. Natal Mus.* 22: 489-576.

Moritz, M. & Fischer, S.-Ch. 1980

Die Typen der Arachniden-Sammlung des zoologischen Museums Berlin. III. Scorpiones. *Mitt. Zool. Mus. Berlin* 56: 309-326.

Pocock, R.I. 1896

Report upon the Scorpions, Spiders, Centipedes, and Millipedes obtained by Mr. and Mrs. E. Lort Philips in the Goolis Mountains Inland of Berbera, N. Somaliland. *Ann. Mag. Nat. Hist.* 6(18): 178-186.

Pocock, R.I. 1900

On a collection of Insects and Arachnids made in 1895 and 1897 by Mr. C.A.V. Peel, F. Z. S. in Somaliland, with descriptions of new species. 9. Chilopoda and Arachnida. 10. General List of the Scorpions of Somaliland and the Boran Country. *Proc. Zool. Soc. London* 1900: 48-63.

Vachon, M. 1974

Étude des caractères utilisés pour classer les familles et les genres de Scorpions (Arachnides). *Bull. Mus. Natn. Hist. Nat. Paris* 140: 857-958.

Serket (2000) vol. 7(1): 8-37.

Catalogue and Bibliography of Family Oecobiidae 1809-1995 (Arachnida: Araneida)

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Introduction

This work is a grouping of the data included in the following catalogues (using the same abbreviations used by their authors):

Roewer, C.F. 1942

Katalog der Araneae von 1758 bis 1940.

1.Band 1040 pp. Bremen.

[Family Urocteidae: pp.385-386]

Roewer, C.F. 1954

Katalog der Araneae von 1758 bis 1940, bzw. 1954.

2.Band, Abt. b. pp. 925-1751 Bruxelles.

[Family Oecobiidae: pp.1288-1290]

Brignoli, P.M. 1983

A Catalogue of the Araneae described between 1940 and 1981.

Ed. P.Merrett. 755 pp. Manchester University Press.

(In association with The British Arachnological Society)

[Family Oecobiidae: pp. 213-216]

Platnick, N.I. 1989

Advances in Spider Taxonomy 1981-1987.

Ed. P.Merrett 673 pp. Manchester University Press.

(In association with The British Arachnological Society)

[Family Oecobiidae: pp. 172-174]

Platnick, N.I. 1993

Advances in Spider Taxonomy 1988-1991,

with Synonymies and Transfers 1940-1980.

Ed. P.Merrett 846 pp. New York Entomological Society.

(In association with The American Museum of Natural History)

[Family Oecobiidae: pp. 160-161]

Platnick, N.I. 1997

Advances in Spider Taxonomy 1992-1995,

with Redescriptions 1940-1980.

Ed. P.Merrett 976 pp. New York Entomological Society.

(In association with The American Museum of Natural History)

[Family Oecobiidae: pp. 231-235]

The author is grateful to his wife Rana, who helped with typing and correcting the manuscript.

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Family **Oecobiidae** : 6 genera, 104 species & 1 subspecies.

Distribution: Cosmopolitan.

Gen. **Oecobius** Lucas, 1846 [82 species & 1 subspecies]

Cosmopolitan

Gen. **Paroecobius** Lamoral, 1981 [2 species]

South Africa

Gen. **Platoecobius** Chamberlin & Ivie, 1935 [1 species]

USA

Gen. **Uroctea** Dufour, 1820 [17 species]

Paelearctic, Africa, Asia

Gen. **Uroctean**a Roewer, 1961 [1 species]

Senegal

Gen. **Uroecobius** Kullmann & Zimmermann, 1976 [1 species]

South Africa

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Remarks :**In Brignoli (1983):**

1. For the merging together of the traditional Oecobiidae and Urocteidae, see Lehtinen, 1967: 303, and Baum, 1974: 149.
2. F. Oecobiidae: 3 subfamilies:
 - I. Oecobiinae: *Oecobius*, *Platoecobius*, (*Paroecobius*).
 - II. Uroecobiinae: *Uroecobius* (possibly identical with *Uroctean*).
 - III. Urocteinae: *Uroctea*, *Uroctean*.

In synonymy:

Ambika Lehtinen, 1967: 212, 304, type *Oecobius putus* O. Pickard-Cambridge, 1876 = **Oecobius** Lucas, 1846 (Shear, 1970: 135).

Maitreja Lehtinen, 1967: 246, 304, type *Oecobius marathaus* Tikader, 1962 = **Oecobius** Lucas, 1846 (Shear & Benoit, 1974: 709).

Phanerecobius Kishida - *nomen nudum* (Yaginuma in litt.)

Tarapaca Lehtinen, 1967: 267, 304, type *Oecobius nieborowskii* Kulczyński, 1909 = **Oecobius** Lucas, 1846 (Shear, 1970: 135).

Thalamia Hentz, 1850 (N.B.: usually considered a synonym of **Oecobius** Lucas, 1846, revalidated by Lehtinen, 1967: 269, synonymized again by Shear, 1970: 135).

Tiroecobius Kishida - *nomen nudum* (Yaginuma in litt.)

=====

CATALOGUE OF GENERA AND SPECIES**Family OECOBIIDAE**

Gen. **Oecobius** Lucas, 1846 [82 species & 1 subspecies]

♀ **O. achimota** Shear & Benoit, 1974 Ghana
O. a. Shear & Benoit, 1974: 719, f. 26-27 (D ♀).

♂♀ **O. aculeatus** Wunderlich, 1987 Canary Is.
O. a. Wunderlich, 1987: 120, f. 303-304 (D♀).
O. a. Wunderlich, 1992: 337, f. 249-252 (♀, D♂).

♂ **O. affinis** O. P.-Cambridge, 1872 Lebanon
O. a. Cambridge, 1872: 221 (D ♂; not ♀).
O. a. Wunderlich, 1995c: 590, f. 1-3 (removed ♂ from S of *O. navus*).

- ♂ ***O. agaetensis*** Wunderlich, 1992 Canary Is.
O. a. Wunderlich, 1992: 337, f. 253-254 (D♂).
- ♀ ***O. albipunctatus*** O. P.-Cambridge, 1872 Syria
O. a. Cambridge, 1872: 222 (D ♀).
O. a. Wunderlich, 1995c: 590, f. 4 (removed ♀ from S of *O. navus*).
- ♂ ***O. alhoutyae*** Wunderlich, 1995 Kuwait
O. a. Wunderlich, 1995c: 591, f. 5-7 (D♂).
- ♀ ***O. amboseli*** Shear & Benoit, 1974 Kenya
O. a. Shear & Benoit, 1974: 717, f. 24-25 (D ♀).
- ♂♀ ***O. annulipes*** Lucas, 1846 Algeria
O. a. Lucas, 1846: 102, pl. 2 f. 2 (D ♀).
O. a. Wunderlich, 1995c: 591, f. 8-11 (♂♀).
- ♀ ***O. annulipes hachijoensis*** Uyemura, 1965 Japan
O. a. h. Uyemura, 1965: 18, f. 1-4 (D ♀).
- ♂ ***O. ashmolei*** Wunderlich, 1992 Canary Is.
O. ashmoli Wunderlich, 1992: 338, f. 255-257 (D♂).
- ♂♀ ***O. beatus*** Gertsch & Davis, 1937 Mexico
O. b. Gertsch & Davis, 1937: 2, f. 1, 2 (D ♀).
O. b. Shear, 1970: 143, f. 20, 33, 54-55 (♀, D♂; ♂ of Bryant, 1948a = *O. concinnus*).
- ♂♀ ***O. braciae*** Shear, 1970 Mexico
O. b. Shear, 1970: 156, f. 24, 41-42, 70-71 (D ♂♀).
- ♂♀ ***O. caesaris*** Wunderlich, 1987 Canary Is., Azores
O. c. Wunderlich, 1987: 119, f. 293-297, 710-711 (D♂♀).
- ♂ ***O. cambridgei*** Wunderlich, 1995 Lebanon
O. c. Wunderlich, 1995c: 592, f. 13-16 (D♂).
- ♂♀ ***O. camposi*** Wunderlich, 1992 Canary Is.
O. c. Wunderlich, 1992: 339, f. 258-261 (D♂♀).
- ♂♀ ***O. cellariorum*** (Dugès, 1836) {T} Cosmopolitan
Clotho c. Dugès, 1836: 161 (D).

- O. domesticus* Lucas, 1846: 101, pl. 2 f. 1 (D ♂♀).
O. c. Simon, 1875: 7 (D ♂♀).
O. c. Simon, 1892b: 247 (N).
O. c. Simon, 1914: 66, 67 (D ♂♀).
O. texanus Bryant, 1936: 87, f. 1a-e (D ♂♀).
O. texanus Muma, 1944: 1 (N ♀).
O. c. Kritscher, 1966a: 287, f. 4-6 (♂♀).
O. c. Lehtinen, 1967: 433, f. 25, 28 (♂♀).
O. c. Shear, 1970: 136, f. 3-4, 13, 28, 48-49 (♂♀, S).
O. c. Baum, 1972: 122, f. 26-27, 54-57, 63 (♂♀).
O. c. Kraus & Baum, 1972: 167, f. 4 (♀).
O. c. Benoit, 1977: 27, f. 8 (♀).
O. shensiensis Qiu, 1981: 18, f. 10A-D (♂♀).
O. shaanxiensis Qiu & Zheng, 1981: 141, f. 1-4 (D ♂♀).
O. sinensis Yin & Wang, 1981: 143, f. A-E (D ♂♀).
O. c. Yaginuma & Wen, 1983: 195, f. 3A-D (♂♀).
O. c. Zhu, 1983: 7 (S).
O. c. Hu, 1984: 50, f. 44-45 (♂♀).
O. c. Song, Hu & Liu, 1984: 2, f. F-H (♂♀, S).
O. c. Barrientos *et al.*, 1985: 223, f. 4 (♂).
O. c. Song, 1987: 88, f. 52 (♂♀).
O. c. Kumada, 1988: 1, f. 1-4 (♀).
O. c. Chen & Gao, 1990: 22, f. 24a-b (♂♀).
O. c. Feng, 1990: 30, f. 5.1-4 (♂♀).
O. c. Chen & Zhang, 1991: 37, f. 28.1-4 (♂♀).
O. c. Heimer & Nentwig, 1991: 54, f. 116 (♂♀).
O. c. Wunderlich, 1995c: 593, f. 17-20 (♂♀).

♂♀ **O. chiasma** Barman, 1978 India
O. c. Barman, 1978: 382, f. 1 (D ♂♀).

♂♀ **O. civitas** Shear, 1970 Mexico
O. c. Shear, 1970: 157, f. 25, 43-44, 72-73 (D ♂♀).

♂♀ **O. concinnus** Simon, 1892 USA to Venezuela
O. c. Simon, 1892a: 435, pl. 9 f. 2 (D ♂♀).
O. c. Simon, 1892b: 247, f. 198 (N).
O. nieborowskii Kulczyński, 1909: 454, pl. 22 f. 30 (D ♀).
O. benneri Petrunkevitch, 1929: 75, f. 64-66 (D o♀).
Thalamia nieborowskii Banks, 1931: 272, pl. 2 f. 7, 8 (D ♂o).
O. benneri Bryant, 1940: 273 (N ♀).
O. vokesi Gertsch & Davis, 1942: 19, f. 40 (D ♀).

- O. beatus* Bryant, 1948a: 57, pl. 9 f. 1-2 (D ♂).
O. audanti Bryant, 1948b: 344, pl. 1 f. 4; pl. 2 f. 10, 12 (D ♂♀).
Tarapaca nieborowskii Lehtinen, 1967: 267, f. 27, 30 (S).
O. c. Shear, 1970: 141, f. 5-6, 15, 31-32, 52-53 (♂♀, S).

- ♂♀ ***O. culiacanensis*** Shear, 1970 Mexico
O. c. Shear, 1970: 159, f. 26, 45, 74-75 (D ♂♀).

- ♂♀ ***O. cumbrecita*** Wunderlich, 1987 Canary Is.
O. c. Wunderlich, 1987: 121, f. 305-311 (D ♂♀).

- ♂♀ ***O. depressus*** Wunderlich, 1987 Canary Is.
O. d. Wunderlich, 1987: 123, f. 320-321 (D ♀).
O. prominens Wunderlich, 1987: 120, f. 300-302 (D ♂).
O. d. Wunderlich, 1992: 340 (S ♂).

- ♂♀ ***O. dolosus*** Wunderlich, 1987 Canary Is.
O. d. Wunderlich, 1987: 125, f. 338-342 (D ♂♀).

- ♂ ***O. doryphorus*** Schmidt, 1977 Canary Is.
O. d. Schmidt, 1977: 54, f. 1 (D ♂).
O. d. Wunderlich, 1979: 418, f. 17-19 (D ♂).
O. d. Wunderlich, 1987: 123, f. 322-325 (♂).

- ♀ ***O. erjosensis*** Wunderlich, 1992 Canary Is.
O. e. Wunderlich, 1992: 341, f. 262 (D ♀).

- ♀ ***O. fluminensis*** Mello-Leitão, 1917 Brazil
O. f. Mello-Leitão, 1917b: 9, 10 (D ♀).
O. f. Mello-Leitão, 1925: 458 (N).

- ♂♀ ***O. formosensis*** (Kishida, 1943) Taiwan
Phanerecobius f. Kishida in Kayashima, 1943: 16, pl. 8 f. 2 (D ♀).
O. f. Lee, 1966: 18, f. 3a-d (D ♂).

- ♂♀ ***O. fortaleza*** Wunderlich, 1992 Canary Is.
O. f. Wunderlich, 1992: 341, f. 263-265 (D ♂♀).

- ♂♀ ***O. fuerterotensis*** Wunderlich, 1992 Canary Is.
O. f. Wunderlich, 1992: 342, f. 266-268 (D ♂♀).
O. f. Wunderlich, 1995a: 423, f. 44 (♀).

- ♂♀ **O. furcula** Wunderlich, 1992 Canary Is.
O. f. Wunderlich, 1992: 343, f. 269-274 (D♂♀).
- ♂♀ **O. gomerensis** Wunderlich, 1979 Canary Is.
O. g. Wunderlich, 1979: 419, f. 20-24 (D♂♀).
O. g. Wunderlich, 1986: 210, f. 207.
O. g. Wunderlich, 1987: 124, f. 332-337 (♂♀).
- ♀ **O. hayensis** Wunderlich, 1992 Canary Is.
O. h. Wunderlich, 1992: 344 (D♀, misidentified as *O. minor* by Wunderlich, 1987).
- ♀ **O. hidalgoensis** Wunderlich, 1992 Canary Is.
O. h. Wunderlich, 1992: 344, f. 275 (D♀).
- ♀ **O. hierroensis** Wunderlich, 1987 Canary Is.
O. h. Wunderlich, 1987: 118, f. 291, 712 (D♀).
- ♂♀ **O. idolator** Shear & Benoit, 1974 Upper Volta
O. i. Shear & Benoit, 1974: 713, f. 13-18 (D♂♀).
- ♂ **O. iguestensis** Wunderlich, 1992 Canary Is.
O. i. Wunderlich, 1992: 345, f. 276-279 (D♂).
- ♂ **O. incertus** Wunderlich, 1995 North-West Africa ?
O. i. Wunderlich, 1995c: 593, f. 21-23 (D♂).
- ♂♀ **O. infierno** Wunderlich, 1987 Canary Is.
O. i. Wunderlich, 1987: 122, f. 312-316 (D♂♀).
- ♀ **O. inopinatus** Wunderlich, 1995 Queensland
O. i. Wunderlich, 1995d: 691, f. 1A-C (D♀).
- ♂♀ **O. interpellator** Shear, 1970 USA
O. i. Shear, 1970: 146, f. 16, 36, 58-59, pl. I f. 1-2 (D♂♀).
O. i. Baum, 1980: 347, f. 19-21 (♀).
- ♂♀ **O. isolatoides** Shear, 1970 USA, Mexico
O. i. Shear, 1970: 150, f. 19, 37, 62-63 (D♂♀).
O. i. Baum, 1980: 343, f. 10-12 (♀).

- ♂♀ **O. isolatus** Chamberlin, 1924 USA, Mexico
O. i. Chamberlin, 1924: 584 (D ♀).
O. i. Chamberlin & Ivie, 1935: 270, pl. 1 f. 2 (N).
O. parvus Chamberlin & Ivie, 1942: 13 (D o).
O. i. Shear, 1970: 148, f. 18, 35, 60-61 (Chamberlin's ♀ is juvenile, D♂♀, S).
- ♂♀ **O. juangarcia** Shear, 1970 Mexico
O. j. Shear, 1970: 154, f. 23, 40, 66-67 (D ♂♀).
- ♂♀ **O. lampeli** Wunderlich, 1987 Canary Is.
O. l. Wunderlich, 1987: 117, f. 285-286 (D♀).
O. l. Wunderlich, 1992: 345, f. 280-282 (♀, D♂).
O. l. Wunderlich, 1995a: 423, f. 43 (♀).
- ♀ **O. latiscapus** Wunderlich, 1992 Canary Is.
O. l. Wunderlich, 1992: 346, f. 283 (D♀).
- ♀ **O. linguiformis** Wunderlich, 1995 Canary Is.
O. l. Wunderlich, 1995a: 421, f. 37-38 (D♀).
- ♂♀ **O. longiscapus** Wunderlich, 1992 Canary Is.
O. l. Wunderlich, 1992: 347, f. 284-288 (D♂♀).
- ♂♀ **O. machadoi** Wunderlich, 1995 Portugal, Spain
O. m. Wunderlich, 1995c: 594, f. 24-28 (D♂♀).
- ♂♀ **O. maculatus** Simon, 1870 Mediterranean to Azerbaijan
O. annulipes m. Simon, 1870: 346 (D ♀).
O. maculatus Simon, 1875: 11, pl. 4 f. 20 (D ♂♀).
O. maculatus Simon, 1892b: 244, f. 192-196 (N ♂).
O. annulipes m. Simon, 1914: 67 (D ♀).
O. maculatus Machado, 1949: 4, f. 1 (N ♂).
O. annulipes m. Hassan, 1953: 24, f. 4a-e (♂♀).
O. m. Ledoux, 1963: 100, f. 2-3 (♂♀, elevated from subspecies of *O. annulipes*).
O. kahmanni Kritscher, 1966a: 289, f. 7-8 (D ♂).
Thalamia kahmanni Lehtinen, 1967: 269 (C).
O. m. Baum, 1980: 341, f. 1-3 (♀).
O. kahmanni Hansen, 1988: 73, f. 1-2 (D♀).
O. kahmanni Thaler & Noflatscher, 1990: 171, f. 10-13 (♂).
O. m. Wunderlich, 1995c: 594, f. 12, 29-30, 30a-b (♂♀, S).

- ♀ **O. marathaus** Tikader, 1962 India
O. m. Tikader, 1962: 684, f. 2 (D ♀).
Maitreja m. Lehtinen, 1967: 246 (C).
O. marathans Baum, 1980: 347, f. 16-18 (♀).
- ♂♀ **O. marcosensis** Wunderlich, 1992 Canary Is.
O. m. Wunderlich, 1992: 347, f. 289-293 (D ♂♀).
- ♂♀ **O. maritimus** Wunderlich, 1987 Canary Is.
O. m. Wunderlich, 1987: 125, f. 343-350, 713 (D ♂♀).
O. aquaticus Wunderlich, 1987: 126, f. 351-352 (D ♂♀).
O. m. Schmidt, 1990: 6 (S).
 {Note. I think that *O. maritimus* is a variety of *O. dolosus* Wunderlich, 1987}
- ♂♀ **O. minor** Kulczyński, 1909 Azores, Madeira
O. m. Kulczyński, 1909: 452, pl. 22 f. 33, 36 (D ♂♀).
O. m. Kritscher, 1966a: 290, f. 9-10 (♂♀).
O. m. Baum, 1980: 342, f. 7-9 (♀).
O. m. Wunderlich, 1987: 116, f. 284 (♀).
O. m. Wunderlich, 1992: 348, f. 294-297 (♂♀).
- ♂♀ **O. nadiæ** (Spassky, 1936) Central Asia, China
Uroctea n. Spassky, 1936: 43, f. 7-9 (D ♂♀).
O. n. Andreeva, 1975: 327 (T ♂♀ from *Uroctea*).
O. n. Andreeva, 1976: 20, f. 15-18 (♂♀).
O. afghanicus Kullmann & Zimmermann, 1976b: 42, f. 1-2, 6-9, 12-13 (D ♂♀).
O. n. Ovtsharenko & Fet, 1980: 445 (S).
O. afghanicus Zhou, Wang & Zhu, 1983: 153, f. 1a-e (♂♀).
O. afghanicus Song, Hu & Liu, 1984: 1, f. A-E (♂♀).
O. afghanicus Hu, 1984: 48, f. 43.1-4 (♂♀).
O. afghanicus Song, 1987: 85, f. 50 (♂♀).
O. afghanicus Hu & Wu, 1989: 55, f. 38.1-7 (♂♀).
O. afghhanicus Chen & Gao, 1990: 21, f. 23a-b (♂♀).
- ♂♀ **O. navus** Blackwall, 1859 Cosmopolitan
Thalamia parietalis Hentz, 1850: 35, pl. 4 f. 16 (D ♀).
O. n. Blackwall, 1859: 266 (D o).
O. affinis Cambridge, 1872: 221 (D ♀; not ♂).
O. jonicus Cambridge, 1873: 531, pl. 14 f. 1 (D ♂).

- O. annulipes* Simon, 1875: 9 (D ♂♀).
- Omanus maculatus* Keyserling, 1891: 160, pl. 5 f. 112 (D ♀)
(praeocc. Simon, 1875 sub *Oecobius*).
- O. n.* Simon, 1892a: 435, pl. 9 f. 1 (N).
- O. parietalis* Simon, 1892b: 247 (N).
- O. annulipes* Simon, 1892b: 247, f. 197 (N).
- O. n.* Kulczyński, 1899: 333, pl. 6 f. 12-14, 17, 18 (N ♂♀).
- O. parietalis* Emerton, 1909: 212, pl. 8 f. 1 (D ♀).
- O. maculatus* Petrunkevitch, 1911: 114 (C).
- O. parietalis* Comstock, 1912: 288, f. 273-275 (N).
- O. annulipes* Simon, 1914: 67 (D ♂♀).
- O. hammondi* Mello-Leitão, 1915: 131 (D ♀).
- O. variabilis* Mello-Leitão, 1917a: 78 (D ♂♀).
- O. hammondi* Mello-Leitão, 1917b: 10 (N).
- O. maculatus* Mello-Leitão, 1917b: 10 (N).
- O. variabilis* Mello-Leitão, 1917b: 10 (N).
- O. n.* Butler, 1929: 49, pl. 2 f. 6-10 (D ♂♀).
- O. parietalis* Chamberlin & Ivie, 1935: 267, pl. 1 f. 1; pl. 2 f. 3-10;
pl. 3 f. 11-21 (D ♂♀).
- O. annulipes* Berland & Millot, 1940: 151 (N ♀).
- O. n.* Mello-Leitão, 1941: 106 (N).
- O. n.* Mello-Leitão, 1943a: 153 (S).
- O. parietalis* Kaston, 1948: 499, pl. 100 f. 1865-1866;
pl. 101 f. 1878-1881 (D ♂♀).
- O. keyserlingi* Roewer, 1951: 454 (nom. nov.).
- O. hortensis* Lawrence, 1952: 185, 225, f. 5, 6, 77, 78 (D ♂♀).
- O. annulipes* Hassan, 1953: 21, f. 3a-e (♂♀).
- O. annulipes immaculatus* Schmidt, 1956: 140 (D ♂).
- O. annulipes* Denis, 1962: 104, f. 87-88 (♀).
- O. annulipes* Ledoux, 1963: 100, f. 4-6 (♂♀).
- O. immaculatus* Denis, 1963: 45, f. 5 (D♀, elevated to species).
- O. annulipes* Kritscher, 1966a: 285, f. 1-3 (♂♀).
- Thalamia annulipes* Lehtinen, 1967: 254, 269, f. 26, 29 (S).
- O. annulipes* Shear, 1970: 138, f. 9-10, 14, 29-30, 50-51 (♂♀).
- O. annulipes* Baum, 1972: 117, f. 17-19, 50-53, 62 (♂♀).
- O. annulipes* Shear & Benoit, 1974: 710 (S).
- O. annulipes* Kullmann & Zimmermann, 1976b: 44, f. 14-16 (♀).
- O. annulipes* Paik, 1978: 201, f. 84 (♂).
- O. annulipes* Ritchie, 1978: 210, f. 1-5 (♂♀).
- O. annulipes* Yaginuma, 1986: 16, f. 10 (♂♀).
- O. annulipes* Song, 1987: 87, f. 51 (♂♀).

- O. n.* Wunderlich, 1987: 115, f. 281-283, 708-709 (♂♀; previous references to this species as *O. annulipes* are considered by Wunderlich to be misidentifications).
- O. annulipes* Kumada, 1988: 1, f. 5-7 (♀).
- O. annulipes* Chikuni, 1989: 24, f. 1 (♂♀).
- O. annulipes* Coddington, 1990: 10, f. 5 (♂).
- O. annulipes* Chen & Zhang, 1991: 38, f. 29 (♀).
- O. annulipes* Heimer & Nentwig, 1991: 54, f. 117 (♂♀).
- O. n.* Wunderlich, 1992: 349, f. 298 (♂).
- O. n.* Roberts, 1995: 89, f. (♂♀).
- O. n.* Wunderlich, 1995c: 595, f. 31-35 (♂♀, S).
- O. n.* Wunderlich, 1995d: 69, f. 1D (♀).
- ♂♀ ***O. palmensis*** Wunderlich, 1987 Canary Is.
O. p. Wunderlich, 1987: 124, f. 326-331 (D♂♀).
- ♂♀ ***O. paolomaculatus*** Wunderlich, 1995 Algeria
O. p. Wunderlich, 1995c: 596, f. 37-40 (D♂♀).
- ♂♀ ***O. pasteuri*** Berland & Millot, 1940 West Africa
O. p. Berland & Millot, 1940: 151, f. 3 (D ♂♀).
O. sp. indet a: Baum, 1972: 119, f. 20-22 (♀).
O. p. Shear & Benoit, 1974: 713, f. 1-6 (♂♀).
- ♀ ***O. persimilis*** Wunderlich, 1987 Canary Is.
O. p. Wunderlich, 1987: 118, f. 292 (D♀).
- ♂♀ ***O. petronius*** Simon, 1890 Yemen
O. p. Simon, 1890: 85 (D ♂♀).
O. petionius Simon, 1892a: 435, pl. 9 f. 3 (N).
O. p. Simon, 1892b: 247, f. 199 (N).
O. p. Shear & Benoit, 1974: 713, f. 7-12 (♂♀).
O. p. Baum, 1980: 341, f. 4-6 (♀).
O. p. Wunderlich, 1995c: 597, f. 41-44 (♂♀).
- ♂♀ ***O. piaxtla*** Shear, 1970 Mexico
O. p. Shear, 1970: 150, f. 21, 38, 64-65 (D ♂♀).
- ♀ ***O. pinoensis*** Wunderlich, 1992 Canary Is.
O. p. Wunderlich, 1992: 350, f. 299 (D♀).

- ♀ **O. przewalskyi** Hu & Li, 1987 China
O. p. Hu & Li, 1987: 247, f. 1.1-3 (D♀).
- ♂♀ **O. pseudodepressus** Wunderlich, 1992 Canary Is.
O. p. Wunderlich, 1992: 350, f. 300-303 (D♂♀).
- ♂♀ **O. putus** O. P.-Cambridge, 1876 Egypt, Sudan to Azerbaijan,
O. p. Cambridge, 1876: 544, pl. 58 f. 1 (D ♂♀). USA (introduced)
O. p. Simon, 1892a: 435, pl. 9 f. 4 (N).
O. p. Simon, 1892b: 247, f. 200 (N).
O. p. Hassan, 1953: 19, f. 2a-e (♂♀).
O. p. Tikader, 1962: 682, f. 1a-d (♂♀).
O. p. Kritscher, 1966a: 290, f. 11-12 (♂♀).
Ambika puta Lehtinen, 1967: 212, f. 32 (♀).
O. p. Shear, 1970: 144, f. 1-2, 17, 34, 56-57 (♂♀).
O. p. Baum, 1972: 125, f. 31-32, 58-61, 64 (♂♀).
O. p. Kullmann & Zimmermann, 1976b: 44, f. 4-5, 10-11 (♂♀).
O. p. Tikader & Biswas, 1981: 12, f. 1-4 (♂♀).
O. p. Dunin, 1984: 47, f. 1 (♀).
O. p. Wunderlich, 1995c: 596, f. 45-48 (♂♀).
- ♂♀ **O. reeffi** Saaristo, 1978 Comoro Is, Seychelles
O. r. Saaristo, 1978: 104, f. 46-51 (D ♂).
O. r. Schmidt & Krause, 1994: 234, f. 1 (D♀).
- ♂♀ **O. rhodiensis** Kritscher, 1966 Greece
O. r. Kritscher, 1966a: 291, f. 13-15 (D♂♀).
O. r. Wunderlich, 1995c: 597, f. 49-51 (♂♀).
- ♂ **O. rioensis** Wunderlich, 1992 Canary Is.
O. r. Wunderlich, 1992: 351, f. 304-306 (D♂).
- ♂♀ **O. rivula** Shear, 1970 Mexico
O. r. Shear, 1970: 152, f. 7-8, 22, 39, 68-69 (D ♂♀).
O. r. Baum, 1980: 344, f. 13-15 (♀).
- ♀ **O. rugosus** Wunderlich, 1987 Canary Is.
O. r. Wunderlich, 1987: 119, f. 298-299 (D♀).
- ♀ **O. sapporensis** Saito, 1934 Japan
O. sapporensis Saito, 1934: 271, pl. 12 f. 1; pl. 14 f. 33 (D ♀).
O. sapporensis Saito, 1959: 34, f. 7a-d (♀).

- O. s.* Kritscher, 1966a: 293, f. 16 (♀).
- ♀ ***O. selvagensis*** Wunderlich, 1995 Salvage Is.
O. lampeli Wunderlich, 1992: 345, f. 282a (♀, misidentified)
O. s. Wunderlich, 1995a: 422 (D♀).
- ♀ ***O. sheari*** Benoit, 1975 Chad
O. s. Benoit, 1975: 926, f. 4-5 (D ♀).
- ♂♀ ***O. similis*** Kulczyński, 1909 Madeira, Canary Is., Azores,
O. s. Kulczyński, 1909: 450, pl. 22 f. 34, 35 (D ♂♀). St. Helena
O. s. Kritscher, 1966a: 293, f. 17-18 (♂♀).
O. s. Benoit, 1977: 28, f. 9a-c (♀).
O. s. Wunderlich, 1987: 117, f. 287-290 (♂♀).
O. s. Wunderlich, 1992: 351, f. 307 (♂).
O. s. Wunderlich, 1995c: 595, f. 36 (♂).
- ♂ ***O. sombrero*** Wunderlich, 1987 Canary Is.
O. s. Wunderlich, 1987: 122, f. 317-319 (D♂).
- ♂♀ ***O. tadzhikus*** Andreeva & Tyschchenko, 1969 Tadzhikistan
O. t. Andreeva & Tyschchenko, 1969: 376, f. 3 (D ♂♀).
O. t. Andreeva, 1976: 22, f. 19-22 (D ♂♀).
- ♀ ***O. tasarticoensis*** Wunderlich, 1992 Canary Is.
O. t. Wunderlich, 1992: 352, f. 308 (D♀).
- ♂♀ ***O. teliger*** O. P.-Cambridge, 1872 Lebanon
O. t. Cambridge, 1872: 221, pl. 13 f. 8 (D ♂♀).
O. t. Wunderlich, 1995c: 598, f. 54-57 (removed ♂♀ from S
of *O. navus*).
- ♂♀ ***O. templi*** O. P.-Cambridge, 1876 Egypt, Sudan
O. t. Cambridge, 1876: 545, pl. 58 f. 2 (D ♂♀).
O. t. Simon, 1910b: 286 (N).
O. t. Hassan, 1953: 16, f. 1a-e (♂♀).
O. t. Kritscher, 1966a: 293, f. 19-21 (♂♀).
O. t. Brignoli, 1979: 125, f. 1-4 (♂♀).
O. t. Wunderlich, 1995c: 599, f. 58-60 (♂♀).
- ♂♀ ***O. tibesti*** Shear & Benoit, 1974 Chad
O. t. Shear & Benoit, 1974: 717, f. 19-23 (D ♂♀).

♀ **O. trifidivulva** Benoit, 1976 Congo (Zaire)
O. t. Benoit, 1976: 670, f. 1-2 (D ♀).

♂♀ **O. trimaculatus** O. P.-Cambridge, 1872 Plains of Jordan river
O. t. Cambridge, 1872: 219, pl. 13 f. 7 (D♂♀).
O. t. Wunderlich, 1995c: 599, f. 61-65 (removed ♂♀ from S
of *O. maculatus*).

♂ **O. unicoloripes** Wunderlich, 1992 Canary Is.
O. u. Wunderlich, 1992: 352, f. 309-311 (D♂).

Oecobius nipponicus Kishida - *nomen nudum* (Yaginuma in litt. to Brignoli, 1983).

Gen. **Paroecobius** Lamoral, 1981 [2 species]

♂♀ **P. nicolaii** Wunderlich, 1995 South Africa
P. n. Wunderlich, 1995b: 582, f. 1-6 (D♂♀).

♂♀ **P. wilmotae** Lamoral, 1981 {T} Botswana
P. w. Lamoral, 1981: 508, f. 1-7 (D♂♀).

Gen. **Platoecobius** Chamberlin & Ivie, 1935 [1 species]

♀ **P. floridanus** (Banks, 1896) {T} USA
Thalamia f. Banks, 1896: 58 (D ♀).
Oecobius f. Petrunkevitch, 1911: 114 (C).
P. f. Chamberlin & Ivie, 1935: 270, pl. 4 f. 22-32 (D ♀).
P. f. Shear, 1970: 161, f. 11-12, 27, 46-47, 76-77 (♀, D♂).

Gen. **Uroctea** Dufour, 1820 [17 species]

♂♀ **U. compactilis** L. Koch, 1878 China, Korea, Japan
U. c. L. Koch, 1878: 749, pl. 15 f. 11 (D♀).
U. c. Bösenberg & Strand, 1906: 126, pl. 6 f. 70; pl. 15 f. 444 (N ♂♀).
U. c. Nakatsudi, 1942: 303, f. 1-2 (♀).
U. c. Saito, 1959: 35, f. 8a-d (♂).
U. c. Yaginuma, 1960: 47, f. 45 (♂).
U. c. Yaginuma, 1971: 47, f. 45 (♂).
U. c. Baum, 1972: 110, f. 3-5, 37-40, 49 (♂♀).
U. c. Hikichi, 1977: 154, f. 45 (♀).

- U. c. Paik*, 1978: 297, f. 120.1-4 (♂♀).
U. c. Hu, 1984: 84, f. 76.5-6 (♀).
U. c. Zhu, 1984: 170, f. 2.1-3 (♀).
U. c. Yaginuma, 1986: 90, f. 47.3 (♂♀).
U. c. Chikuni, 1989: 96, f. 1 (♂♀).
U. c. Chen & Gao, 1990: 41, f. 43a-b (♀).
U. c. Feng, 1990: 49, f. 24.1-3 (♀).
U. c. Chen & Zhang, 1991: 80, f. 71.1-3 (♂♀).

U. concolor (Simon, 1882) Yemen
U. limbata concolor Simon, 1882: 241 (D).

- ♂♀ **U. durandi** (Latreille, 1809) {T} Mediterranean
Clotho d. Latreille, 1809: 370 (D).
Aranea d. Lamarck, 1818: 97 (D).
U. quinquemaculata Dufour, 1820: 198, pl. 76 f. 1 (D ♂).
Clotho d. Audouin, 1825: 134-135, pl. 3 f. 6 (D ♀).
Clotho d. Audouin, 1827: 348, pl. 3 f. 6 (D ♀).
Clotho d. Walckenaer, 1837: 636 (D ♂♀).
Clotho gondotii Walckenaer, 1837: 638 (D ♂♀).
Clotho cycacea C. L. Koch, 1843: 84, f. 812 (D ♀).
Clotho goudotii C. L. Koch, 1843: 86, f. 813 (D ♀).
Clotho guttata C. L. Koch, 1843: 87, f. 814 (D ♀).
Clotho stellata C. L. Koch, 1843: 88, f. 815 (D ♀).
Clotho anthracina C. L. Koch, 1848: 74, f. 1549 (D ♀).
U. d. Thorell, 1870: 112 (N).
U. d. Thorell, 1873: 503 (N).
U. d. Simon, 1875: 4, pl. 4 f. 21, 22 (D ♂♀).
U. d. Chyzer & Kulczyński, 1891: 151, pl. 6 f. 21 (D ♂♀).
U. d. Simon, 1893: 451, f. 427-431 (N).
U. d. Simon, 1914: 235 (D ♂♀).
U. d. Drenski, 1939: 238, f. 14-16 (N ♂♀).
U. d. Baum, 1972: 107, f. 2, 5, 33-36, 49 (♂♀).
U. d. Wunderlich, 1986: 210, f. 208.

♀ **U. grossa** Roewer, 1960 Afghanistan
U. g. Roewer, 1960: 51, f 17 a-c (D♀).

♀ **U. indica** Pocock, 1900 India
U. i. Pocock, 1900: 243, f. 83 (D ♀).
U. i. Gajbe & Bhadra, 1978: 933, f. 1-5 (♀).

- ♂♀ **U. lesserti** Schenkel, 1936 China, Korea
U. l. Schenkel, 1936: 266, f. 87 (D ♀).
U. joannisi Schenkel, 1963: 99, f. 57 (D ♀).
U. limbata Namkung, 1964: 37, f. 22 (♀, misidentified).
U. l. Baum, 1972: 110, f. 6-8 (♀).
U. l. Kraus & Baum, 1972: 167, f. 3 (♀).
U. limbata Paik, 1978: 299, f. 130.1-5 (♂♀, misidentified).
U. l. Baum, 1980: 354 (S).
U. l. Wen & Zhu, 1980: 40, f. 2.1-3 (♀, D♂).
U. l. Hu, 1984: 83, f. 76.1-4 (♂♀).
U. l. Zhu, 1984: 169, f. 1.1-6 (♂♀).
U. l. Zhu *et al.*, 1985: 66, f. 55a-c (♀).
U. l. Zhang, 1987: 61, f. 45.1-4 (♂♀).
U. l. Feng, 1990: 50, f. 25.1-6 (♂♀).
U. l. Kim & Namkung, 1992: 102, f. 1-6, 10-14 (♂♀).
- ♂♀ **U. limbata** (C. L. Koch, 1843) Palearctic
Clotho l. C. L. Koch, 1843: 89, f. 816 (D ♂).
U. l. Thorell, 1875: 71 (D ♀).
U. l. Roewer, 1960: 51, f. 17a-c (♂♀).
U. l. Benoit, 1966: 191, f. 1 (♂).
U. l. Kritscher, 1966b: 12, f. 406 (♂♀).
U. l. Baum, 1972: 112, f. 9-10, 41-44, 49 (♂♀).
U. l. Kim & Namkung, 1992: 103, f. 7-9, 15 (♂♀).
- ♀ **U. manii** Patel, 1987 India
U. m. Patel, 1987: 193, f. 1a-d (D ♀).
- ♂♀ **U. matthaii** Dyal, 1935 Panjab
U. m. Dyal, 1935: 125, pl. 11 f. 1; pl. 12 f. 11-17 (D ♂♀).
- ♂♀ **U. paivani** (Blackwall, 1868) Canary Is., Cape Verde Is.
Clotho p. Blackwall, 1868: 409 (D ♂♀).
Oecobius p. Reimoser, 1919: 201 (C).
U. p. Kritscher, 1966b: 9, f. 1-3 (T♂♀ from *Oecobius*).
U. p. Baum, 1972: 135, f. 45-49 (♂).
U. p. Schmidt, 1976: 317, f. 1 (♀).
U. p. Wunderlich, 1987: 106, f. 280 (♀).
U. paivai Schmidt, Geisthardt & Piepho, 1994: 84, f. 1 (♀).
- ♀ **U. quinquenotata** Simon, 1910 South Africa
U. q. Simon, 1910a: 189 (D ♀).

U. q. Tucker, 1920: 479, pl. 29 f. 12B (N ♀).

U. q. Baum, 1980: 351, f. 25-27 (♀).

♀ ***U. schinzi*** Simon, 1887 South Africa

U. s. Simon, 1887: 370 (D ♀).

U. s. Tucker, 1920: 479 (D ♀).

U. s. Baum, 1980: 352, f. 28-29 (♀).

♀ ***U. semilimbata*** Simon, 1910 South Africa

U. s. Simon, 1910a: 189 (D ♀).

♀ ***U. septemnotata*** Tucker, 1920 Namibia, South Africa

U. s. Tucker, 1920: 477, pl. 29 f. 12A (D ♀).

U. s. Baum, 1980: 347, f. 22-24 (♀).

o♀ ***U. septempunctata*** (Cambridge, 1872) Palestine

Clotho s. Cambridge, 1872: 222 (D o).

U. s. Pavesi, 1895: 4 (N ♀).

♂ ***U. sudanensis*** Benoit, 1966 Sudan, Somalia

U. s. Benoit, 1966: 193, f. 2 (D ♂).

U. s. Benoit, 1971: 150 (C).

♀ ***U. undecimmaculata*** Schenkel, 1953 China

U. u. Schenkel, 1953: 15, f. 8 (D ♀).

Gen. ***Urocteana*** Roewer, 1961 [1 species]

o ***U. poecilis*** Roewer, 1961 {T} Senegal

U. p. Roewer, 1961: 39, f. 4 a-c (D o).

Gen. ***Uroecobius*** Kullmann & Zimmermann, 1976 [1 species]

♂♀ ***U. ecribellatus*** Kullmann & Zimmermann, 1976 {T} South Africa

U. e. Kullmann & Zimmermann, 1976a: 31, f. 1-14 (D ♂♀).

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References (162 entries)

- Andreeva, E.M. 1975
Distribution and ecology of spiders (Aranei) in Tadjikistan. - *Fragm. faun.* 20: 323-352.
- Andreeva, E.M. 1976
Payki Tadzjikistana. Dyushanbe. pp. 1-196.
- Andreeva, E.M. & Tyschchenko, V.P. 1969
On the fauna of spiders from Tadjikistan. 1. Haplogynae, Cribellatae, Ecribellatae Trionychae. - *Ent. Obozr.* 48: 373-384.
- Audouin, V. 1825
Explication sommaire des planches d'Arachnides de l'Égypte et de la Syrie, Publiées par Jules-César Savigny. In: Description de l'Égypte ou Recueil des observations et des recherches qui ont été faites en Égypte pendant l'expédition de l'armée française. Histoire Naturelle. Tome Premier 1809. Paris. 4e partie, pp. 99-186. Atlas: pl. 1-9 (Arachnides).
- Audouin, V. 1827
Idem. Ibid. 2nd edition. vol.22, pp. 291-430.
- Banks, N. 1896
New North American spiders and mites. - *Trans. Amer. Ent. Soc.* 23: 57-77.
- Banks, N. 1931
Arachnida. in: The Norwegian zoological expedition to Galapagos islands. - *Nyt. Mag. Naturvid.* 68: 271-278. pl. 1-2.
- Barman, M. 1978
Spider genus *Oecobius* from Khasi-Jaintia hills, India. - *Sci. & Cult.* 44: 382-384.
- Barrientos, J.A., Blasco F., A., Ferrández, M.A., Godall, P., Pérez P., J., Rambla, M. & Urones, M.C. 1985
Artrópodos epigeos del macizo de San Juan de la Peña (Jaca, Prov. de Huesca): XII. Familias de araneidos de escasa representación. - *Pirineos* 126: 211-234.
- Baum, S. 1972
Zum "Cribellaten-Problem": Die Genitalstrukturen der Oecobiinae und Urocteinae (Arach.: Aran.: Oecobiidae). - *Abh. Verh. naturw. Ver. Hamburg (N.F.)* 16: 101-153.

- Baum, T. 1980
Taxonomie und Genitalstrukturen weiterer Arten der Genera *Oecobius* und *Uroctea* (Arach.: Araneae: Oecobiidae). - Verh. naturwiss. Ver. Hamburg 23: 339-355.
- Benoit, P.L.G. 1966
Contribution á la connaissance des Urocteidae africains (Aranea-Labidogn.). - Bull. Annls Soc. r. ent. Belg. 102: 191-195.
- Benoit, P.L.G. 1971
Notules arachnologiques africaines. I. - Revue Zool. Bot. afr. 83: 147- 158.
- Benoit, P.L.G. 1975
Notules arachnologiques africaines. IV. - Revue Zool. afr. 89: 925-933.
- Benoit, P.L.G. 1976
Un *Oecobius* nouveau des régions montagneuses du centre africain. - Revue Zool. afr. 90: 669-670.
- Benoit, P.L.G. 1977
Araignées cribellates. In: La faune terrestre de l'île de Sainte-Hélène IV. - Annls Mus. r. Afr. cent. (Zool.-Ser.8°) 220: 22-30.
- Berland, L. & Millot, J. 1940
Les araignées de l'Afrique occidentale française. II, Cribellata. - Ann. Soc. Ent. France 108: 149-160. f. 1-12.
- Blackwall, J. 1859
Description of recently discovered spiders capt. of Madeira. - Ann. Mag. Nat. Hist. (3) 4: 255-267.
- Blackwall, J. 1868
Notice of several species of spiders. - Ann. Mag. Nat. Hist. (4)2: 403-410.
- Bösenberg, W. & Strand, E. 1906
Japanische Spinnen. - Abh. Senckenbg. Nat. Ges. 30(1-2): 93-373. pl. 3-16 f. 1-505 and f. 1-6.
- Brignoli, P.M. 1979
On some African *Oecobius* and *Zimiris* (Araneae, Oecobiidae and Gnaphosidae). - Zool. Meded. Leiden 54: 123-126.
- Bryant, E.B. 1936
New species of southern spiders. - Psyche 43(4): 87-101. pl. 3 f. 1-9.
- Bryant, E.B. 1940
Cuban spiders in the Museum of Comparative Zoology. - Bull. Mus. Comp. Zool. Harvard 86(7): 247-554. pl. 1-22 f. 1-297.

- Bryant, E.B. 1948a
Some spiders from Acapulco, Mexico. - *Psyche* 55(2): 55-77. pl. 9-10 f. 1-17.
- Bryant, E.B. 1948b
The spiders of Hispaniola. - *Bull. Mus. Comp. Zool. Harvard* 100(4): 331-459. pl. 1-12 f. 1-123.
- Butler, L.S.G. 1929
Studies in Victorian spiders. I. - *Proc. Soc. Victoria* 42 (1): 41-52. pl. 1-2.
- Cambridge, O.P. 1872
General list of the spiders of Palestine and Syria, with descriptions of numerous new species and characters of two new genera. - *Proc. Zool. Soc. Lond.*, 1872, pp. 212-354. pl. 13-16. f. 1-13.
- Cambridge, O.P. 1873
On some new species of European spiders. - *Journ. Linn. Soc. Lond.* 11 (Zool.): 530-547. pl. 14-15 f. 1-12.
- Cambridge, O.P. 1876
Catalogue of a collection of spiders made in Egypt, with descriptions of new species and characters of a new genus. - *Proc. Zool. Soc. Lond.*, 1876, pp. 541-630. pl. 58-60 f. 1-89.
- Chamberlin, R.V. 1924
The spider fauna of the shores and islands of the gulf of California. - *Proc. Californ. Ac. Sci.* 12: 561-694. f. 1-14.
- Chamberlin, R.V. & Ivie, W. 1935
Nearctic spiders of the family Urocteidae. - *Ann. Ent. Soc. Amer.* 28(2): 265-272. pl. 1-4 f. 1-32.
- Chamberlin, R.V. & Ivie, W. 1942
A hundred new species of American spiders. - *Bull. Univ. Utah* 32(13), *Biol.* 7(1): 1-117. pl. 1-17 f. 1-231.
- Chen, X.E. & Gao, J.C. 1990
The Sichuan farmland spiders in China. Sichuan Sci. Tech. Publ. House, Chengdu, 226 pp.
- Chen, Z.F. & Zhang, Z. H. 1991
Fauna of Zhejiang: Araneida. Zhejiang Science and Technology Publishing House, 356 pp.
- Chikuni, Y. 1989
Pictorial Encyclopedia of Spiders in Japan. Kaisei-sha Publ. Co., Tokyo, 310 pp.
- Chyzer, C. & Kulczyński, V. 1891
Araneae Hungariae. (Budapest) 1: 1-168. pl. 1-6.

- Coddington, J.A. 1990
Ontogeny and homology in the male palpus of orb-weaving spiders and their relatives, with comments on phylogeny (Araneoclada: Araneoidea, Deinopoidea). - *Smithson. Contr. Zool.* 496: 1-52.
- Comstock, J.H. 1912
The Spider Book. pp. 1-721.
- Denis, J. 1962
Les araignées de l'archipel de Madère (Mission du Professeur Vandel). - *Publções Inst. Zool. Dr Augusto Nobre* 79: 1-118.
- Denis, J. 1963
Spiders from the Madeira and Salvage Islands. - *Bolm Mus. munic. Funchal* 17: 29-48.
- Drenski, P. 1939
Die Spinnenfauna Bulgariens. III. - *Mitt. Nat. Inst. Sofia* 12: 231-252. f. 1-22.
- Dufour, L. 1820
Descr. de cinq Arachn. nouv. - *Ann. Gén. Sci. Phys.* 5: 198-209. pl. 76 f. 1-4.
- Dugès, A. 1836
Observations sur les Aranéides. - *Ann. Sci. Nat. (2)* 6: 160-161.
- Dunin, P.M. 1984
[Fauna and ecology of the spiders of the Apscheron Peninsula, Azerbadjan SSR.]. In: *Fauna and Ecology of Arachnids. Univ. of Perm*, pp. 45-60.
- Dyal, S. 1935
Spiders of Lahore. - *Bull. Dep. Zool. Panjab Univ.* 1: 117-252. pl. 11-17 f. 1-181.
- Emerton, I.H. 1909
Supplement to the New England spiders. - *Trans. Connect. Ac. Sci.* 14 (3): 171-236. pl. 1-12.
- Feng, Z.Q. 1990
Spiders of China in colour. Hunan Science and Technology Publishing House, 256 pp.
- Gajbe, U.A. & Bhadra, S. 1978
Uroctea indica Pocock (family: Urocteidae) as a new record from Rajasthan, India. - *J. Bombay nat. Hist. Soc.* 75: 933-934.
- Gertsch, W.J. & Davis, L.I. 1937
Report on a collection of spiders from Mexico. I. - *Amer. Mus. Novit.* 961: 1-29. f. 1-44.

- Gertsch, W.J. & Davis, L.I. 1942
Report on a collection of spiders from Mexico. IV. - Amer. Mus. Novit. 1158: 1-19. f. 1-46.
- Hansen, H. 1988
Oecobius kahmanni Kritscher, 1966, neu für Italien (Araneae, Oecobiidae). - Boll. Mus. Civ. Stor. nat. Venezia 38: 73-77.
- Hassan, A.I. 1953
The Oecobiidae of Egypt. - Bull. zool. Soc. Egypt 11: 14-30.
- Heimer, S. & Nentwig, W. 1991
Spinnen Mitteleuropas: Ein Bestimmungsbuch. Verlag Paul Parey, Berlin, 543 pp.
- Hentz, N.M. 1850
Descriptions and figures of the Aran. of the United States. – Boston Journ. Nat. Hist. Soc. 6: 18-35. pl. 3-4.
- Hikichi, K. 1977
Comparative anatomy of some internal organs in spiders of Trionycha. - Acta arachn. Tokyo 27(Spec.No.): 145-156.
- Hu, J.L. 1984
The Chinese spiders collected from the fields and the forests. Tianjin Press of Science and Techniques.
- Hu, J.L. & Li, A.H. 1987
The spiders collected from the fields and the forests of Xizang Autonomous Region, China. (II). Agricultural Insects, Spiders, Plant Diseases and Weeds of Xizang 2: 247-353.
- Hu, J.L. & Wu, W.G. 1989
Spiders from agricultural regions of Xinjiang Uygur Autonomous Region, China. Shandong Univ. Publ. House, Jinan, 435 pp.
- Kaston, B.J. 1948
Spiders of Connecticut. (Hartford, Conn.). - State Connecticut Surv. (Publ. Docum. 47), Bull. 70: 1-874. pl. 1-144 f. 1-2144.
- Kayashima, I. 1943
Spiders of Formosa. Tokyo. 1-70.
- Keyserling, E.von 1891
Die Spinnen Amerikas. III. (Brasilianische Spinnen). pp. 1-278. pl. 1-10 f. 1-203.
- Kim, J.P. & Namkung, J. 1992
On the identity of Korean spider, *Uroctea lesserti* Schenkel 1937, is the species *Uroctea limbata* (nec. C.L.Koch). - Korean Arachnol. 8: 101-107.

- Koch, C.L. 1843
Die Arachniden. (Nürnberg) 10: 1-142. f. 756-849.
- Koch, C.L. 1848
Die Arachniden. (Nürnberg) 16: 1-76. f. 1505-1550.
- Koch, L. 1878
Japanesische Arachn. u. Myriapoden. - Verh. Zool. Bot. Ges. Wien 27: 735-798. pl. 15-16 f. 1-41.
- Kraus, O. & Baum, S. 1972
Zum "Cribellaten-Problem": Neue Befunde an Genitalstrukturen. Arachnol. Congr. Internatl. V. pp.165-173.
- Kritscher, E. 1966a
Die paläarktischen Arten der Gattung *Oecobius* (Aran., Oecobiidae). - Annln naturh. Mus. Wien 69: 285-295, 2 pls.
- Kritscher, E. 1966b
Uroctea paivani (Blackwall) 1868 und *Uroctea limbata* (C.L. Koch) 1843 (Aran., Urocteidae), zwei nur ungenügend bekannte Spinnenarten. - Anz. math.-naturw. Klas. Öster. Akad. Wiss. 1966: 8-15.
- Kulczyński, V. 1899
Arachn. opera Schmitz coll. in ins. Maderianis. - Rozpraw. Ak. Umiejet. Krakow (2) 16: 320-461. pl. 6-9 f. 1-147.
- Kulczyński, V. 1909
Fragmenta Arachnologica. VII. - Bull. Ac. Sci. Cracov. pp. 427-472. pl. 22 f. 1-36.
- Kullmann, E. & W. Zimmermann 1976a
Ein neuer Beitrag zum Cribellaten-Ecribellaten-Problem: Beschreibung von *Uroecobius ecribellatus* n.gen. n.sp. und Diskussion seiner phylogenetischen Stellung (Arachnida: Araneae: Oecobiidae). - Ent. Germ. 3: 29-40.
- Kullmann, E. & Zimmermann, W. 1976b
Beschreibung der neuen Spinnenart *Oecobius afghanicus* mit ergänzenden Angaben zu *Oecobius putus* und *Oecobius annulipes* (Arachnida: Araneae: Oecobiidae). - Ent. Germ. 3: 41-50.
- Kumada, K. 1988
Oecobius cellariorum found in Japan. - Atypus 91: 1-4.
- Lamarck, J.B.de 1818
Histoire naturelle des animaux sans vertèbres. (Paris) 5: 1-612 (Aran.: 88-108).

- Lamoral, B.H. 1981
Paroecobius wilmotae, a new genus and species of spider from the Okavango Delta, Botswana (Araneae: Oecobiidae: Oecobiinae). - Ann. Natal Mus. 24: 507-512.
- Latreille, P.A. 1809
 Genera Crustaceorum et Insect. (Paris). 4 (p. 370). ???
- Lawrence, R.F. 1952
 New spiders from the eastern half of South Africa. - Ann. Natal Mus. 12(2): 183-226. f. 1-78.
- Ledoux, J.-C. 1963
 Sur quelques araignées récoltées près d'Avignon et de Montpellier. - Entomologiste 19: 100-101.
- Lee, C.L. 1966
 [Spiders of Formosa (Taiwan)]. Taichung Jun. Teachers Coll. Publ., 84 pp.
- Lehtinen, P.T. 1967
 Classification of the cribellate spiders and some allied families, with notes on the evolution of the suborder Araneomorpha. - Ann. Zool. Fenn. 4: 199-468.
- Lucas, H. 1846
 Exploration scientifique de l'Algérie. Zool. 1. Aran. pp. 89-271. pl. 1-17.
- Machado, A.de B. 1949
 Araign. nouv. p. 1. faune portugaise. - Publ. Inst. Zool. Porto 38: 1-60. f. 1-24.
- Mello-Leitão, C.F. 1941
 Las Arañas de Cordoba, La Rioja, Calamarca, Tucuman, Salta y Jujuy. - Rev. Mus. La Plata (N. S.) 2. Zool.: 99-198. f. 1-91, pl. 1-12 f. 1-59.
- Mello-Leitão, C.F. 1943
 Catálogo das aranhas do Rio Grande do Sul. - Archos Mus. nac. Rio de J. 37: 147-245.
- Mello-Leitão, M.D. 1915
 Algunas generos e especies novas de Araneidos do Brasil. - Broteria 13: 129-142.
- Mello-Leitão, M.D. 1917a
 Especies novas ou pouco conhec. do Brasil. - Broteria 15: 74-102. f. 1-24.
- Mello-Leitão, M.D. 1917b
 Generos e species novas de Araneidos. - Arch. Esc. Sup. Agric. Med. Vet. 1(1): 3-19.

- Mello-Leitão, M.D. 1925
Pequenas notas arachnolog. - Bol. Mus. Nac. Rio de Janeiro 1(6): 455-463.
- Muma, M.H. 1944
A report on Maryland spiders. - Amer. Mus. Novit. 1257: 1-14. f. 1-12.
- Nakatsudi, K. 1942
Arachnida from Izu-Sitito. - J. agric. Sci. Tokyo (Nogyo Daigaku) 1: 287-332.
- Namkung, J. 1964
Spiders from Chungjoo, Korea. - Atypus 33-34: 31-50.
- Ovtsharenko, V.I. & Fet, V.Y. 1980
Fauna and ecology of spiders (Aranei) of Badkhyz (Turkmenian SSR). - Ent. Obozr. 59: 442-447.
- Paik, K.Y. 1978
Araneae. Illustr. Fauna Flora Korea 21: 1-548.
- Patel, S.K. 1987
A new species of spider of the genus: *Uroctea* (Urocteidae) from India. - Biol. Bull. India 9: 193-195.
- Pavesi, P. 1895
Aracnidi, in: Viaggio dell Festa in Palestina. - Boll. Mus. Torino 10 (216): 1-11.
- Petrunkévitch, A. 1911
A synonymic index-catalogue of spiders of North-, Central- and South-America. - Bull. Amer. Mus. Nat. Hist. 29: 1-791.
- Petrunkévitch, A. 1929
The spiders of Porto Rico. I. - Trans. Connect. Ac. Sci. 30: 1-150. f. 1-150.
- Pocock, R.I. 1900
The fauna of British India (Arachnida). pp. 153-279. f. 52-89.
- Qiu, Q.H. 1981
[The studies of Shaanxi spiders]. - Select. Sci. Treat. Lit. (Biol. Monogr.), Shaanxi Teachers Univ. 1980: 8-20.
- Qiu, Q.H. & Zheng, Z.M. 1981
A new species of spider of the genus *Oecobius*. - Acta zootaxon. sin. 6: 141-142.
- Reimoser, E. 1919
Katalog der echten Spinnen des palaearkt. Gebietes. - Abh. Zool. Bot. Ges. Wien 10 (2): 1-280.

- Ritchie, J.M. 1978
The discovery of *Oecobius annulipes* Lucas in Britain. - Bull. Br. arachnol. Soc. 4: 210-212.
- Roberts, M.J. 1995
Collins Field Guide: Spiders of Britain & Northern Europe. HarperCollins, London, 383 pp.
- Roewer, C.F. 1951
Neue Namen einiger Araneen-Arten. - Abh. Nat. Ver. Bremen 32(2): 437-456.
- Roewer, C.F. 1960
Solifugen und Opilioniden - Araneae Orthognathae, Haplogynae und Entelegynae (Contribution à l'étude de la faune d'Afghanistan 23). - Göteborgs K. Vetensk.-o. VitterhSamh. Handl. 8(7): 1-53.
- Roewer, C.F. 1961
IV. Opilioniden und Araneen. In: Le Parc National de Niokolo-Koba. 2. - Mém. Inst. fr. Afr. noire 62: 33-81.
- Saaristo, M.I. 1978
Spiders from the Seychelles Islands, with notes on taxonomy. - Ann. Zool. Fenn. 15: 99-126.
- Saito, S. 1934
Spiders from Hokkaido. - Journ. Agric. Hokkaido Univ. 33(5): 267-362. pl. 12-15, 1-87.
- Saito, S. 1959
The Spider Book Illustrated in Colours. Hokuryukan, Tokyo, 194 pp.
- Schenkel, E. 1936
Aran., in: Schwed.-Chines. Wiss. Exped. n. d. nordwestl. Prov. Chinas. - Ark. Zool. 29 (A; 1): 1-314. f. 1-110.
- Schenkel, E. 1953
Chinesische Arachnoidea aus dem Museum Hoangho-Peiho in Tientsin. - Bolm Mus. nac. Rio de J. (N.S., Zool.) 119: 1-108.
- Schenkel, E. 1963
Ostasiatische Spinnen aus dem Muséum d'Histoire Naturelle de Paris. - Mém. Mus. natn. Hist. nat. Paris (A, Zool.) 25: 1-481.
- Schmidt, G.E.W. 1956
Zur Fauna der durch canarische Bananen eingeschleppten Spinnen mit Beschreibung neuer Arten. - Zool. Anz. 157: 140-153.

- Schmidt, G.E.W. 1976
Zur Spinnenfauna von Fuerteventura und Lobos. - Zool. Beitr. (N.F.) 22: 315-335.
- Schmidt, G.E.W. 1977
Zur Spinnenfauna von Hierro. - Zool. Beitr. (N.F.) 23: 51-71.
- Schmidt, G.E.W. 1990
Zur Spinnenfauna der Kanaren, Madeiras und der Azoren. - Stuttg. Beitr. Naturk. (A) 451: 1-46.
- Schmidt, G.E.W., Geisthardt, M. & Piepho, F. 1994
Zur Kenntnis der Spinnenfauna der Kapverdischen Inseln (Arachnida: Araneida). - Mitt. internat. entomol. Ver. 19: 81-126.
- Schmidt, G.E.W. & Krause, R.H. 1994
Spinnen von den Comoren II: Oecobiidae, Ctenidae, Pisauridae, Selenopidae, Heteropodidae, Oxyopidae und Mimetidae (Araneida). - Zool. Jb. Syst. 121: 233-247.
- Shear, W.A. 1970
The spider family Oecobiidae in North America, Mexico, and the West Indies. - Bull. Mus. comp. Zool. Harv. 140: 129-164.
- Shear, W.A. & Benoit, P.L.G. 1974
New species and new records in the genus *Oecobius* Lucas from Africa and nearby islands (Araneae: Oecobiidae: Oecobiinae). - Revue Zool. afr. 88: 706-720.
- Simon, E. 1870
Aran. nouveaux ou peu connus du midi de l'Europe. 1. - Mém. Soc. Liège (2)3: 269-358. pl. 1-3. (sep. pp. 1-90).
- Simon, E. 1875
Les Arachnides de France. (Paris) 2: 1-350. pl. 4-8.
- Simon, E. 1882
Etude sur les Arachnides de l'Yemen méridional. - Ann. Mus. Civ. Genova 18: 207-260. pl. 8. f. 1-23.
- Simon, E. 1887
Arachn. rec. dans le sud de l'Afrique par Schinz. - Ann. Soc. Ent. France (6) 7: 369-384. pl. 6 f. 1.
- Simon, E. 1890
Etude sur les Arachnides de l'Yemen. - Ann. Soc. Ent. France (6)10: 77-124.
- Simon, E. 1892a
Voyage de M. Simon en Venezuela, Arachnida (Suite). - Ann. Soc. Ent. France 61: 423-462. pl. 9 f. 1-31.

- Simon, E. 1892b
Histoire Naturelle des Araignées. (Paris) II. Edit. 1(1): 1-254. f. 1-256.
- Simon, E. 1893
Histoire Naturelle des Araignées. (Paris) II. Edit. 1(2): 256-488. f. 216-490.
- Simon, E. 1910a
Araneae, in : Schultze, L., Zool. und anthropol. Ergebn. einer Forschungsreise in Südafrika. - Denkschr. Med. Nat. Ges. Jena 16: 175-218.
- Simon, E. 1910b
Catalogue raisonné des Arachnides du Nord de l'Afrique (1re partie). - Ann. Soc. Ent. France 79: 265-332. f. 1-13.
- Simon, E. 1914
Les Arachnides de France. (Paris). 6 (1): 1-308. f. 1-537.
- Song, D.X. 1987
Spiders from agricultural regions of China (Arachnida: Araneae). Agriculture Publishing House, Beijing.
- Song, D.X., Hu, J.L. & Liu, Z.B. 1984
On two species of spider of the genus *Oecobius* from China. - Sichuan J. Zool. 3: 1-3.
- Spassky, S. 1936
Aran. palaearct. novae. - Festschr. Strand 1: 37-46. f. 1-9.
- Thaler, K. & Noflatscher, M.-T. 1990
Neue und bemerkenswerte Spinnenfunde in Südtirol (Arachnida: Aranei). - Veröff. Mus. Ferdinandeum Innsbr. 69: 169-190.
- Thorell, T. 1870
On European Spiders. - Nov. Act. Reg. Soc. Sci. Upsaliae (3) 7(2): 109-242.
- Thorell, T. 1873
Remarks on Synonyms of European Spiders. - Nov. Act. Reg. Soc. Sci. Upsaliae (3) 7: 375-644.
- Thorell, T. 1875
Description of several European and North African spiders. - Svensk. Vet. Ak. Handl. 13 (5): 3-203.
- Tikader, B.K. 1962
Studies on some spiders of the genus *Oecobius* (family Oecobiidae) from India. - J. Bombay nat. Hist. Soc. 59: 682-685.
- Tikader, B.K. & Biswas, B. 1981
Spider fauna of Calcutta and vicinity: Part-I. - Rec. zool. Surv. India, Occ. Pap. 30: 1-149.

- Tucker, R.W.E. 1920
Contribution to the South African Arachn. Fauna. - Ann. S. Afric. Mus. 17(5): 439-488. pl. 28-29.
- Uyemura, T. 1965
On spiders from Hachijo island, the most southern of the seven islands of Izu, Japan. - J. Jonan High Sch. 2: 17-26.
- Walckenaer, C.A.de 1837
Histoire Naturelle des Insectes Aptères. (Paris) 1: 1-682. pl. 1-15.
- Wen, Z.G. & Zhu, C.D. 1980
Four species of male spiders (Araneae) from China. - J. Bethune med. Univ. 6: 39-43.
- Wunderlich, J. 1979
Drei Beispiele für Art bildung (Speziation) bei Spinnen von den Kanarischen Inseln. - Zool. Beitr. (N.F.) 25: 415-426.
- Wunderlich, J. 1986
Spinnenfauna gestern und heute: Fossile Spinnen in Bernstein und ihre heute lebenden Verwandten. Quelle & Meyer, Wiesbaden.
- Wunderlich, J. 1987
Die Spinnen der Kanarischen Inseln und Madeiras: Adaptive Radiation, Biogeographie, Revisionen und Neubeschreibungen. Triops Verlag, Langen, West Germany.
- Wunderlich, J. 1992
Die Spinnen-Fauna der Makaronesischen Inseln: Taxonomie, Ökologie, Biogeographie und Evolution. - Beitr. Araneol. 1: 1-619.
- Wunderlich, J. 1995a
Zu Ökologie, Biogeographie, Evolution und Taxonomie einiger Spinnen der Makaronesischen Inseln (Arachnida: Araneae). - Beitr. Araneol. 4: 385-439.
- Wunderlich, J. 1995b
Beschreibung der zweiten Art der Gattung *Paroecobius* Lamoral 1981 aus Süd-Afrika (Arachnida: Araneae: Oecobiidae). - Beitr. Araneol. 4: 581-584.
- Wunderlich, J. 1995c
Zu Taxonomie und Biogeographie der Arten der Gattung *Oecobius* Lucas 1846, mit Neubeschreibungen aus der Mediterraneis und von der Arabischen Halbinsel (Arachnida: Araneae: Oecobiidae). - Beitr. Araneol. 4: 585-608.

- Wunderlich, J. 1995d
First endemic Australian Oecobiidae and Nesticidae (Arachnida: Araneae). - Mem. Qd. Mus. 38: 691-692.
- Yaginuma, T. 1960
Spiders of Japan in colour. Hoikusha, Osaka, 186 pp.
- Yaginuma, T. 1971
Spidrs of Japan in Colour (enlarged and revised edition). Hoikusha, Osaka, 197 pp.
- Yaginuma, T. 1986
Spiders of Japan in color (new ed.). Hoikusha Publ. Co., Osaka.
- Yaginuma, T. & Wen, Z.G. 1983
Chinese and Japanese spiders (II). - Fac. Let. Rev. Otemon Gakuin Univ. 17: 187-205.
- Yin, C.M. & Wang, J.F. 1981
On a new species of spider of the genus *Oecobius* from China. - Acta zootaxon. sin. 6: 143-144.
- Zhang, W.S. (ed.). 1987
[Farm spiders from Hubei Province]. Hubei Sci. Tech. Press, 299 pp.
- Zhou, N.L., Wang, H. & Zhu, C.D. 1983
[New records of spiders from Uygur Autonomous Region and Heilongjiang Province, China]. - J. Bethune med. Univ. 9(suppl.): 153-160.
- Zhu, C.D. 1983
[A list of Chinese spiders (revised in 1983)]. - J. Bethune med. Univ. 9(suppl.): 1-130.
- Zhu, M.S. 1984
Notes on two Chinese species of family Urocteidae (Araneae, Urocteidae). - J. Shanxi agric. Univ. 4: 169-172.
- Zhu, M.S., *et al.* (eds.). 1985
[Crop field spiders of Shanxi Province]. Agriculture Planning Committee of Shanxi Province.
